

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

Confirmation No.

Applicant(s): FAUVER

Filed:

TC/A.U. :

Title: METHOD AND APPARATUS OF SHADOWGRAM FORMATION FOR
OPTICAL TOMOGRAPHY

Examiner:

Docket No. : 60080US

Customer No. : 23430

Mail Stop DD

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Commissioner:

This Information Disclosure Statement is submitted:

XX under 37 CFR 1.97(b),
(Within three months of filing national application; or date of entry of international
application; or before mailing date of first office action on the merits; whichever
occurs last)

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together
with copies, of patents, publications or other information of which applicant(s) are aware, which
applicant(s) believe(s) may be material to the examination of this application and for which there
may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.
Applicant submits that the above references taken alone or in combination neither anticipate nor
render obvious the present invention. Consideration of the foregoing in relation to this
application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

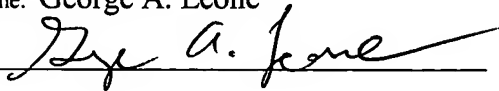
Respectfully submitted,

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Typed Name: George A. Leone

Signature: 



George A. Leone

Attorney/Agent for Applicant(s)

Reg. No. 30567

2150 128th Ave. NW

Minneapolis, MN 55448

Telephone No.: 763-767-2762

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				Filing Date	
				First Named Inventor	FAUVER
				Art Unit	
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Sheet	1	of	9	Attorney Docket Number	60080US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-5,680,484	10/21/1997	Ohyama et al.	Figs 2-3, Col.7-8
		US-4,360,885	11/23/1982	Edgar	FIG. 1,5
		US-5,148,502	9/15/1992	Tsujiuchi et al.	FIG. 1, 12
		US-5,402,460	3/28/1995	Johnson	
		US-6,026,174	2/15/2000	Palcic	
		US- 6,201,628	3/13/2001	Basiji	
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		US-20020161534-A1	10/31/2002	Adler et al.	
		US-3,470,373	9/30/1969	Brewer	
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		US-4,293,221	10/6/1981	Kay	
		US-4,873,653	10/10/1989	Grosskopf	

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⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

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		US-5,141,609-A	8/25/1992	Sweedler et al.	
		US-5,281,517	1/25/1994	Bacus et al.	
		US-5,308,990	5/3/1994	Takahashi et al.	
		US-5,312,535-A	5/17/1994	Waska et al.	
		US-5,321,501	06/14/1994	Swanson et al.	
		US-5,668,887-A	9/16/1997	Parker et al.	
		US-5,710,429	1/20/1998	Alfano et al.	
		US-5,741,411A	4/21/1998	Yeung et al.	
		US-5,760,901	06/02/1998	Hill	
		US-5,760,951	06/02/1998	Dixon et al.	
		US-5,828,408-A	10/27/1998	Mottin et al.	
		US-5,848,123	12/8/1998	Strommer	
		US-5,878,103	3/2/1999	Sauer et al.	
		US-5,880,838	3/9/1999	Marx et al.	
		US-5,909,476	6/1/1999	Cheng et al.	
		US-5,915,048	06/22/1999	Hill et al.	
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		US-6,038,067	3/14/2000	George	
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		US-6,165,734	12/26/2000	Garini	
		US-6,211,955	4/3/2001	Basiji	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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JOHNSON

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Attorney Docket Number	60080US					
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		KIKUCHI, S. et al., "Three-dimensional computed tomography for optical microscopes," Optics Communications 107 (1994) 432-444.	
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		Mueller, K and Yage, R, "Rapid 3-D Cone-beam Reconstruction with the Simultaneous Algebraic Reconstruction Technique (SART) Using 2-D Texture Mapping Hardware", IEEE Transactions on Medical imaging 19(12)pp.1227-37, 2001	
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Examiner Initials*	Cite ¹ No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Manglos, SH, Gagne, GM, Krol A, Thomas, FD, and Narayanaswamy, R, "Transmission Maximum-likelihood Reconstruction with Ordered Subsets for Cone Beam CT", Physics in Medicine and Biology 40(7)pp.1225-41, 1995, #4389	
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		Bayat, S, Le Duc, G, Porra, L, Berruyer, G, Nemoz, C, Monfraix, S, Fiedler, S, Thomlinson, W, Suortti, P, Standertskjold-Nordenstam, CG, and Sovijarvi, ARA, "Quantitative Functional Lung Imaging with Synchrotron Radiation Using Inhaled Xenon as Contrast Agent", Physics in Medicine and Biology 46(3287-99) 2001.	
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		Sharpe, J, review, "Optical Projection Tomography as a New Tool for Studying Embryo Anatomy," J. Anat. (2003), PP. 175-181.	
		RH Anderson, "Close-up imaging of documents and displays with lens arrays," <i>Applied Optics</i> 18, 477 (1979).	
		Kak, A.C. and Slaney, M., <u>Principles of Computerized Tomographic Imaging</u> , IEEE Press, New York, 1988	

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		E.G. Steward, <u>Fourier Optics: An Introduction</u> , 2nd ed. (Halsted Press, New York, 1987)	
		A. Klug and J.L. Finch, "Structure of viruses of the papilloma-polyoma type," J. Mol. Biol., vol. 37, p. 1 (1968).	
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		Y. Li, et al., "Comparison of analog and digital Fourier transforms in medical image analysis," J. Biomed. Optics, vol. 7, p. 255 (2002).	
		Y. Xu et al., "Three-dimensional diffuse optical tomography of bones and joints," J. Biomed. Optics, vol. 7, p. 88 (2002).	
		H. Banda-Gamboa et al., "Spectral-Analysis of Cervical Cells Using the Discrete Fourier Transform," Anal. Cell. Path., vol. 5(2), pp. 85-102 (1993).	
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